

# Assessment

# Formative

What do we know about light?

- “I know. Airplane can make light in the night.”
- “At nighttime it can glow. The bracelet. This is the sunflower and this is the sun.”
- “The sun makes light. A TV makes light. I have a blue torch at my home.”
- “I have a standing lamp in my home. It have animals on it and it's red. I have also a flashlight in my home”.



# What light sources do we know?



A photograph of a corkboard titled "Light Sources" in large, stylized letters. The board is covered with various drawings and photographs. On the left, there is a drawing of a sun and a drawing of a light bulb. Below these are several photographs of indoor lighting, including ceiling lights, table lamps, and wall sconces. On the right, there is a drawing of a light fixture and a photograph of a light bulb. Below these are more photographs of indoor lighting, including ceiling lights, table lamps, and wall sconces. The board is also decorated with a drawing of a light bulb and a photograph of a light fixture.

The following student wonderings were documented during small group discussions after students first experienced the darkroom.

**What does it feel like, look like?**

- We can set something up there (ceiling). Then we can take the light up there so we can see where we are going.
- We need a flashlight.
- They don't have batteries.

**What can we use the darkroom for?**

- When you wanna play bear. Pretend that you're sleeping in the bear sleep room.
- The bear think it's their house but its not. It's our house!
- It make me scared. I think there's a monster in there.
- Then we need some light.

**What can we do in the darkroom?**

- Hide.
- Hide and Seek. We can play.
- We could be monsters.
- Pretend its night-time.
- Teacher – What happens at night-time?
- In night-time, we see moon and stars. Maybe we can pretend is outside. *Really* dark outside



# Summative assessment

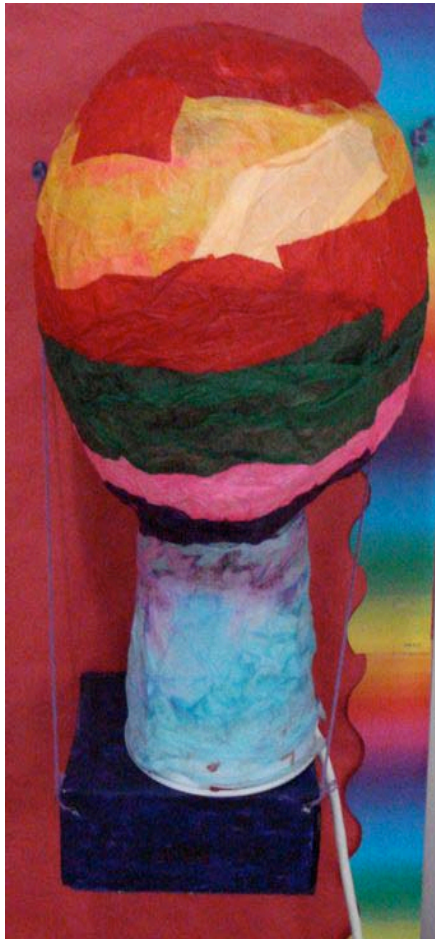
1. Draw/ paint/  
make different  
light sources and  
discuss some of  
the attributes or  
features.





**“This is my light. It is a lamp. You put it on the table next to your bed and when you wake up in the night, you can turn it on. It plugs in to electricity. The switch is here on the cord.”**

2. Make something that uses light. Explain its purpose.



**“This is a lamp. I could use it on a table in my bedroom when I cut, so I don’t cut wrong. It would make good light for me to see. It needs batteries- 4 of them. You switch it on and off here.”**



### 3. Brainstorm (in small groups):

- How did you feel in the darkroom?
- What happens when there is no light?
- Why do we need light?

#### **How did you feel in the darkroom?**

- It make me feel scary. Because it's dark. I think also there's a monster.
- Very, very, very scared! Because inside is very dark.
- It was fun in the darkroom. Because I like the dark.
- I like darkroom. Because it's too dark.
- In the darkroom, I feel really happy. Because it's too fun!
- Lola was right next to me and I could not see her!
- It feels good because I can talk with them. (my friends)
- I didn't see where I did go.

### 3. Brainstorm (continued):

#### **What happens when there is no light?**

- You can't see.
- You will bump.
- It's dark.
- You can't see what you are eating or drinking.
- Some bats might fly by your house.
- Your house might get on fire.
- You can't see where you are going.
- You might run into some things.

#### **Why do we need light?**

- So we don't bump.
- We don't bump into each other.
- So you can see.
- You can see where you are going.
- So you can play.
- So you can see where you are running.
- You will be scared if there is no light.